								DRAFI
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Albion River, Mendocino Coast HU, Albion	11340013					
		River HA		Sedimentation/Siltation		High	77 Miles	2003
				Sedimentation/Siltation	Silviculture	High	77 Willes	2003
					Logging Road Construction/Ma	intenance		
					Nonpoint Source			
1	R	Americano Creek, Bodega HU, Estero Americano HA	11530012					
				Nutrients		Low	38 Miles	
					Pasture Grazing-Riparian and/o	or Upland		
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Intensive Animal Feeding Opera Manure Lagoons	ations		
					Dairies			
1	R	Big River, Mendocino Coast HU, Big River HA	11330043					
				Sedimentation/Siltation		High	225 Miles	2003
					Silviculture			
					Logging Road Construction/Ma	intenance		
					Road Construction Disturbed Sites (Land Develop.)			
					Nonpoint Source			
				Temperature	r	Low	225 Miles	
					Habitat Modification			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta	bilization		
					Drainage/Filling Of Wetlands Erosion/Siltation			
					Nonpoint Source			
1	R	Eel River Delta, Eel River HU, Lower Eel River HA	11111032		•			
				Sedimentation/Siltation		Medium	426 Miles	
					Range Grazing-Riparian and/or	· Upland		
					Silviculture			
				Tommovotuvo	Nonpoint Source	Modi	427 ME	
				Temperature	Daniel de Dinania V	Medium	426 Miles	
					Removal of Riparian Vegetation Nonpoint Source	1		
					Tonpoint Dourte			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Eel River, Middle Fork, Eel River HU, Middle Fork HA	11171045					
				Sedimentation/Siltation		Medium	<b>1071</b> Miles	
					Erosion/Siltation			
				Temperature		Medium	<b>1071</b> Miles	
					Removal of Riparian Vegetatio Nonpoint Source	n		
1	R	Eel River, Middle Main Fork, Eel River HU, Middle Main HA	11141061					
				Sedimentation/Siltation		Medium	674 Miles	
					Range Grazing-Riparian Range Grazing-Upland			
					Silviculture			
					Harvesting, Restoration, Resid	_	t	
					Logging Road Construction/M			
					Construction/Land Developme Land Development	nt		
					Hydromodification			
					Habitat Modification			
					Removal of Riparian Vegetatio			
					Streambank Modification/Dest	abilization		
				Temperature	Erosion/Siltation	Medium	674 Miles	
				remperature	Upstream Impoundment	Medium	074 Miles	
					Habitat Modification			
					Removal of Riparian Vegetatio	n		
					Streambank Modification/Dest	abilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion Erosion/Siltation			
1	R	Eel River, North Fork, Eel River HU, North	11150065		21 VSIVII/SHAHUH			
		Fork HA		Sedimentation/Siltation		Medium	382 Miles	
				Seamentation/Situation	Silviculture	Medium	302 Wiles	
					Logging Road Construction/M	aintenance		
					Erosion/Siltation			
					Nonpoint Source			

								DILII I
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		Medium	382 Miles	
					Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Desta	bilization		
					Nonpoint Source			
1	R	Eel River, South Fork, Eel River HU, South Fork HA	11131030					
				Sedimentation/Siltation		Medium	943 Miles	
					Range Grazing-Riparian and/or	r Upland		
					Silviculture	• ,		
					Logging Road Construction/Ma Resource Extraction	untenance		
					Hydromodification			
					Flow Regulation/Modification			
					Removal of Riparian Vegetation	n		
					Erosion/Siltation			
				Tr	Nonpoint Source	M 11	042 343	
				Temperature		Medium	943 Miles	
					Hydromodification			
					Flow Regulation/Modification Removal of Riparian Vegetation	n		
					Erosion/Siltation			
					Nonpoint Source			
1	R	Eel River, Upper Main HA (Includes Tomki Creek)	11163050					
				Sedimentation/Siltation		Medium	<b>1141 Miles</b>	
					Agriculture-grazing			
					Silviculture			
					Harvesting, Restoration, Residu	_	t	
					Logging Road Construction/Ma	intenance		
					Silvicultural Point Sources Construction/Land Developmen	nt.		
					Highway/Road/Bridge Construc			
					Removal of Riparian Vegetation			
					Streambank Modification/Desta			
					Erosion/Siltation			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL TMDL SOURCES PRIORIT	ESTIMATED Y SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature	Medium	1141 Miles	
					Channelization		
					Habitat Modification		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Drainage/Filling Of Wetlands Nonpoint Source		
1	D	Ell- Disser Francks Disir HII	11000042		Tronpoint Source		
1	R	Elk River, Eureka Plain HU	11000042	Sedimentation/Siltation	High	88 Miles	2003
				Scumentation/Situation	Silviculture	oo wiics	2005
					Harvesting, Restoration, Residue Managen	nent	
					Logging Road Construction/Maintenance		
					Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Natural Sources Nonpoint Source		
1	E	Estero Americano, Bodega HU, Estero	11530012		······································		
1	L	Americano HA	11330012				
				Nutrients	Medium	199 Acres	
					Pasture Grazing-Riparian and/or Upland		
					Manure Lagoons		
				Sedimentation/Siltation	Low	199 Acres	
					Range Grazing-Riparian		
					Hydromodification Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Nonpoint Source		
1	R	Freshwater Creek, Eureka Plain HU	11000050				
				Sedimentation/Siltation	High	84 Miles	2003
					Silviculture		
					Harvesting, Restoration, Residue Manager	nent	
					Logging Road Construction/Maintenance Removal of Riparian Vegetation		
					Streambank Modification/Destabilization		
					Erosion/Siltation		
					Natural Sources		
					Nonpoint Source		

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Garcia River, Mendocino Coast HU	11370026	Tommovatuva		Hiab	154 Miles	2002
				Temperature		High	154 Milles	2002
					Habitat Modification	_		
					Removal of Riparian Vegetation Streambank Modification/Desta			
					Nonpoint Source	avilizativii		
1	R	Gualala River, Mendocino Coast HU, Gualala River HA	11385021		P			
				Sedimentation/Siltation		High	455 Miles	2004
					Specialty Crop Production Silviculture Harvesting, Restoration, Residu Logging Road Construction/Ma Highway/Road/Bridge Construct Land Development	intenance	t	
					Disturbed Sites (Land Develop.)	)		
					Erosion/Siltation			
					Nonpoint Source	_		
				Temperature		Low	455 Miles	
					Removal of Riparian Vegetation			
					Streambank Modification/Desta	abilization		
					Channel Erosion			
					Erosion/Siltation Nonpoint Source			
					Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Jacoby Creek, Eureka Plain HU	11000013					
				Sediment		Low	19 Miles	
					Silviculture			
					Road Construction			
					Land Development			
					Disturbed Sites (Land Develop.	)		
					Urban Runoff/Storm Sewers Hydromodification			
					Channelization			
					Removal of Riparian Vegetatio	n		
					Streambank Modification/Dest			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Sediment Resuspension			
					Natural Sources			
					Nonpoint Source			
1	R	Klamath River, Klamath River HU, Butte Valley HA	10581023					
				Nutrients		Medium	265 Miles	
					Nonpoint Source			
				Temperature		Medium	265 Miles	
					Nonpoint Source			
1	R	Klamath River, Klamath River HU, Lost River HA, Clear Lake, Boles HSAs	10593011					
				Nutrients		Medium	601 Miles	
					Hydromodification			
					Nonpoint Source			
				Temperature		Medium	601 Miles	
					Hydromodification			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification Water Diversions			
					Agricultural Water Diversion			
					Nonpoint Source			
					<u>.</u>			

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Klamath River, Klamath River HU, Lost River HA, Tule Lake and Mt Dome HSAs	10591063	Nutrients	Agriculture Specialty Crop Production Agriculture-subsurface drainage Agriculture-irrigation tailwater Agricultural Return Flows	Medium	612 Miles	
					Water Diversions Agricultural Water Diversion Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands Natural Sources Nonpoint Source			
				Temperature	Hydromodification Channelization Flow Regulation/Modification Water Diversions Agricultural Water Diversion Habitat Modification Removal of Riparian Vegetation Drainage/Filling Of Wetlands	Medium	612 Miles	

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

DRAFT

MDL

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TO COMPLETION
1	R	Klamath River, Klamath River HU, Lower HA, Klamath Glen HSA	10511086					
				Nutrients		Medium	609 Miles	
					<b>Industrial Point Sources</b>			
					<b>Major Industrial Point Source</b>			
					Minor Industrial Point Source			
					<b>Municipal Point Sources</b>			
					Major Municipal Point Source-oweather discharge	dry and/or wet		
					Minor Municipal Point Source-oweather discharge	dry and/or wet		
					Agriculture			
					Irrigated Crop Production			
					<b>Specialty Crop Production</b>			
					Pasture Grazing-Riparian and/o	or Upland		
					Range Grazing-Riparian			
					Intensive Animal Feeding Opera	ations		
					Agriculture-storm runoff			
					Agriculture-subsurface drainage			
				0	Agriculture-irrigation tailwater		(00 1/1	
				Organic Enrichment/Low Diss		Medium	609 Miles	
					Industrial Point Sources			
					Municipal Point Sources			
					Agriculture			
					Irrigated Crop Production			
					Specialty Crop Production			
					Range Grazing-Riparian Agriculture-storm runoff			
					Agriculture-subsurface drainage	o.		
					Agriculture-irrigation tailwater			
					Agriculture-animal			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Out-of-state source			

Klamath River, Klamath River HU, Middle HA, Iron Gate Dam to Scott River	10535053	Temperature	Hydromodification Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation Channel Erosion	Medium	609 Miles	
	10535053		Dam Construction Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation			
	10535053		Upstream Impoundment Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation			
	10535053		Flow Regulation/Modification Water Diversions Habitat Modification Removal of Riparian Vegetation			
	10535053		Water Diversions Habitat Modification Removal of Riparian Vegetation			
	10535053		Habitat Modification Removal of Riparian Vegetation			
	10535053		-			
	10535053		Channel Erosion			
	10535053					
		Nutrients		Medium	548 Miles	
			Out-of-state source			
		Organia Enrichment/Levy Disse	Nonpoint/Point Source	Modium	549 Milas	
		Organic Enrichment/Low Disso		Medium	346 Willes	
		Temperature	<u>r</u>	Medium	548 Miles	
			Hydromodification			
			Upstream Impoundment			
			Nonpoint Source			
Klamath River, Klamath River HU, Middle	10537022					
HA, Oregon to Iron Gate		N			400 350	
		Nutrients		Medium	129 Miles	
			Specialty Crop Production			
			<b>Agricultural Return Flows</b>			
				rily lakes)		
			Temperature  Klamath River, Klamath River HU, Middle 10537022	Organic Enrichment/Low Dissolved Oxygen  Out-of-state source Nonpoint/Point Source Temperature  Hydromodification Upstream Impoundment Flow Regulation/Modification Habitat Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source  Klamath River, Klamath River HU, Middle HA, Oregon to Iron Gate  Nutrients  Industrial Point Sources Municipal Point Sources Municipal Point Sources Agriculture Specialty Crop Production Agricultural Return Flows	Corganic Enrichment/Low Dissorted Oxygen   Medium	Corganic Enrichment/Low Dissolved Oxygen   Medium   548   Miles

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Disso	lved Oxygen	Medium	129 Miles	
					<b>Industrial Point Sources</b>			
					<b>Municipal Point Sources</b>			
					Agriculture			
					Irrigated Crop Production			
					<b>Specialty Crop Production</b>			
					Range Grazing-Riparian and/or	Upland		
					Agriculture-storm runoff			
					Agriculture-subsurface drainage	e		
					Agriculture-irrigation tailwater			
					Agriculture-animal			
					Upstream Impoundment			
					Flow Regulation/Modification Out-of-state source			
				Temperature	Out-oi-state source	Medium	129 Miles	
				Temperature	Hydromodification	1/10414111	12) Willes	
					Upstream Impoundment			
					Flow Regulation/Modification			
					Nonpoint Source			
1		Klamath River, Klamath River HU, Middle HA, Scott River to Trinity River	10512050		·			
		•		Nutrients		Medium	1389 Miles	
					<b>Industrial Point Sources</b>			
					<b>Municipal Point Sources</b>			
					Agriculture			
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Wastewater - land disposal			
					Upstream Impoundment			
					Natural Sources			
					Nonpoint Source			
					Out-of-state source			

REGION TYP	E NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Organic Enrichment/Low Disso	lved Oxygen	Medium	1389 Miles	
				<b>Industrial Point Sources</b>			
				Municipal Point Sources Combined Sewer Overflow			
				Agriculture			
				Agriculture-storm runoff			
				Agriculture-irrigation tailwater			
				Upstream Impoundment			
				Flow Regulation/Modification			
			<b></b>	Out-of-state source		1200 750	
			Temperature		Medium	1389 Miles	
				Hydromodification			
				Channelization  Dam Construction			
				Upstream Impoundment			
				Flow Regulation/Modification			
				Water Diversions			
				Habitat Modification			
				Removal of Riparian Vegetation			
				Streambank Modification/Desta	bilization		
				Drainage/Filling Of Wetlands Natural Sources			
				Nonpoint Source			
1 R	Klamath River, Klamath River HU, Salmon River HA	10521034		·			
	MVCI III		Nutrients		High	871 Miles	2004
				Unknown Nonpoint Source			
			Temperature		High	871 Miles	2004
				Removal of Riparian Vegetation Unknown Nonpoint Source	1		
1 R	Laguna de Santa Rosa, Russian River HU,	11421020					
	Middle Russian River HA		Low Dissolved Oxygen		Low	96 Miles	
			Low Dissulved Oxygen	Internal National Coulty (		90 Willes	
				Internal Nutrient Cycling (prim Nonpoint Source Point Source	arily lakes)		

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
			Sedimentation/Siltation		Medium	96 Miles	
			Entire Russian River watershed	(including Laguna de Santa Rosa) is	listed for sedime	entation.	
				Road Construction			
				Land Development			
				Disturbed Sites (Land Develop.)			
				Urban Runoff/Storm Sewers Other Urban Runoff			
				Highway/Road/Bridge Runoff			
				Hydromodification			
				Channelization			
				Removal of Riparian Vegetation			
				Streambank Modification/Destab	ilization		
				Drainage/Filling Of Wetlands			
				Channel Erosion			
				Erosion/Siltation			
				Erosion From Derelict Land Highway Maintenance and Runo	ff		
				Nonpoint Source	11		
			Temperature		Low	96 Miles	
			-	(including Laguna de Santa Rosa) is			
				Hydromodification			
				Upstream Impoundment			
				Removal of Riparian Vegetation			
				Streambank Modification/Destab	oilization		
				Nonpoint Source			
	ake Pillsbury (Eel River HU, Upper Main A, Lake Pillsbury HSA)	11163051					
			Mercury		Low	1973 Acres	
				Natural Sources			
1 R M	ad River, Mad River HU	10910011					
			Sedimentation/Siltation		Low	654 Miles	
				Silviculture			
				Resource Extraction			
				Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		Low	654 Miles	
					<b>Upstream Impoundment</b>			
					Flow Regulation/Modification Habitat Modification			
					Removal of Riparian Vegetation	n		
					Nonpoint Source			
				T 1114	Unknown Nonpoint Source		654 NET	
				Turbidity	67 . 14	Low	654 Miles	
					Silviculture Resource Extraction			
					Nonpoint Source			
1	R	Mattole River, Cape Mendocino HU, Mattole River HA	11230072					
				Sedimentation/Siltation		High	503 Miles	2004
					Specialty Crop Production	** .		
					Range Grazing-Riparian and/or Range Grazing-Riparian	r Upland		
					Silviculture			
					<b>Road Construction</b>			
					Hydromodification			
					Habitat Modification Removal of Riparian Vegetation	n		
					Streambank Modification/Desta			
					Erosion/Siltation			
				Temperature	Natural Sources	High	503 Miles	2004
				remperature	Range Grazing-Riparian and/o	_	303 Wiles	2004
					Silviculture	Opianu		
					<b>Road Construction</b>			
					Habitat Modification			
					Removal of Riparian Vegetation Natural Sources	n		
					Nonpoint Source			
1	L	Mendocino, Lake	11432060					
		•		Mercury		Low	1704 Acres	
					Resource Extraction			
					Nonpoint Source			

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

			( )		•			DRAFT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	E	Navarro River Delta, Mendocino Coast HU,	11350077					
		Navarro River HA						
				Sedimentation/Siltation		High	48 Acres	2004
					Erosion/Siltation			
1	R	Navarro River, Mendocino Coast HU	11350077					
				Sedimentation/Siltation		High	415 Miles	2004
					Agriculture			
					Nonirrigated Crop Production	1		
					<b>Irrigated Crop Production</b>			
					Specialty Crop Production	** .		
					Range Grazing-Riparian and/o	or Upland		
					Range Grazing-Riparian Range Grazing-Upland			
					Agriculture-grazing			
					Silviculture			
					Harvesting, Restoration, Resid	lue Managemen	t	
					Logging Road Construction/M	_		
					Silvicultural Point Sources			
					Construction/Land Developme			
					Highway/Road/Bridge Constr	uction		
					Land Development			
					Disturbed Sites (Land Develop	o.)		
					Resource Extraction Flow Regulation/Modification			
					Water Diversions			
					Habitat Modification			
					Removal of Riparian Vegetation	on		
					Streambank Modification/Des			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Nonpoint Source			

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature		High	415 Miles	2004
					Agriculture			
					Agricultural Return Flows			
					Resource Extraction			
					Flow Regulation/Modification Water Diversions			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destal	bilization		
					Drainage/Filling Of Wetlands			
					Nonpoint Source			
1	R	Noyo River, Mendocino Coast HU, Noyo River HA	11320010					
				Sedimentation/Siltation		High	144 Miles	2003
					Silviculture			
					Nonpoint Source			
1	R	Redwood Creek, Redwood Creek HU	10710020	a			222 350	
				Sedimentation/Siltation		Medium	332 Miles	
					Range Grazing-Riparian Silviculture			
					Harvesting, Restoration, Residue	e Management	+	
					Logging Road Construction/Mai			
					Construction/Land Development	t		
					Disturbed Sites (Land Develop.)			
					Removal of Riparian Vegetation			
					Streambank Modification/Destal Erosion/Siltation	omzation		
					Natural Sources			
				Temperature		Low	332 Miles	
					Logging Road Construction/Mai	ntenance		
					Removal of Riparian Vegetation			
					Streambank Modification/Destal	bilization		
					Erosion/Siltation Natural Sources			
					Nonpoint Source			

January 13, 2003

195 Miles

**DRAFT** 

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Lower Russian River HA, Austin Creek HSA	11412013					
				Sedimentation/Siltation		Medium	81 Miles	
				Temperature	Silviculture Construction/Land Development Disturbed Sites (Land Develop.) Dam Construction Flow Regulation/Modification Erosion/Siltation	t Low	81 Miles	
				Temperature	Hydromodification Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Nonpoint Source		of Mines	
1	R	Russian River, Russian River HU, Lower Russian River HA, Guerneville HSA	11411041					

**Pathogens** Listing covers only the Monte Rio area of this watershed from the confluence of Dutch Bill Creek to the confluence of Fife Creek and Healdsburg Memorial Beach from the Hwy 101 crossing to the railroad crossing upstream of the Beach.

Low

Nonpoint/Point Source

REGION TYP	E	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Sedimentation/Siltation		Medium	195 Miles	
					Agriculture			
					Irrigated Crop Production			
					Specialty Crop Production			
					Agriculture-storm runoff			
					Agriculture-grazing			
					Silviculture			
					Construction/Land Developmen			
					Highway/Road/Bridge Construc	ction		
					Land Development			
					Hydromodification			
					Channelization  Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	1		
					Streambank Modification/Desta	bilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
				Temperature		Low	195 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation Streambank Modification/Desta			
					Nonpoint Source	DHIZAUON		
1 5	n :	D. D. D. WILLE	11.40.000		ronpoint bource			
1 R		River, Russian River HU, Middle River HA, Big Sulphur Creek HSA	11426023					
	1303141	Tarvi III, Dig Sulphur Creek HSA		Sedimentation/Siltation		Medium	85 Miles	
					Geothermal Development		52 2.1105	
					Erosion/Siltation			
					Nonpoint Source			
				Temperature		Low	85 Miles	
				-	Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation	1		
					Nonpoint Source			

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Middle Russian River HA, Dry Creek HSA	11424034					
				Sedimentation/Siltation		Medium	255 Miles	
					Agriculture			
					Agriculture-storm runoff			
					Silviculture			
					Logging Road Construction/	Maintenance		
					Construction/Land Developm			
					Highway/Road/Bridge Const			
					Disturbed Sites (Land Develo	op.)		
					Hydromodification Channelization			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification	n		
					Habitat Modification			
					Removal of Riparian Vegetat	ion		
					Streambank Modification/De	stabilization		
					Drainage/Filling Of Wetland	s		
					Channel Erosion			
					Erosion/Siltation			
				_	Nonpoint Source	_		
				Temperature		Low	255 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification	n		
					Habitat Modification	ion		
						StavillZativii		
					Removal of Riparian Vegetat Streambank Modification/De Nonpoint Source			

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Middle Russian River HA, Geyserville HSA	11425032					
				Sedimentation/Siltation		Medium	243 Miles	
					Agriculture Nonirrigated Crop Production			
					Irrigated Crop Production			
					Specialty Crop Production			
					Range Grazing-Riparian			
					Range Grazing-Upland			
					Agriculture-storm runoff			
					Agriculture-grazing			
					Silviculture			
					Construction/Land Developmen	t		
					Geothermal Development			
					Disturbed Sites (Land Develop.) Surface Runoff			
					Resource Extraction			
					Channelization			
					Bridge Construction			
					Removal of Riparian Vegetation			
					Streambank Modification/Desta	bilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
				Temperature	Nonpoint Source	Low	243 Miles	
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Nonpoint Source			

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Middle Russian River HA, Mark West Creek HSA	11423021					
		Russian River III., Mark West Creek IISA		Sedimentation/Siltation		Medium	99 Miles	
					Agriculture			
					Irrigated Crop Production Specialty Crop Production			
					Range Grazing-Riparian and/	or Upland		
					Range Grazing-Riparian			
					Intensive Animal Feeding Ope	erations		
					Agriculture-storm runoff			
					Agriculture-grazing Silviculture			
					Harvesting, Restoration, Resi	due Managemen	t	
					Construction/Land Developm	_		
					Highway/Road/Bridge Constr	uction		
					Land Development			
					Disturbed Sites (Land Develop Other Urban Runoff	p.)		
					Surface Runoff			
					Removal of Riparian Vegetati	ion		
					Streambank Modification/Des			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
				Temperature	Erosion/Siltation	Low	99 Miles	
				remperature	II	Low	99 Willes	
					Hydromodification Upstream Impoundment			
					Flow Regulation/Modification	1		
					Habitat Modification			
					Removal of Riparian Vegetati			
					Streambank Modification/Des	stabilization		
					Nonpoint Source			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Upper Russian River HA, Coyote Valley HSA	11432060					
				Sedimentation/Siltation		Medium	171 Miles	
					Agriculture			
					Silviculture			
					Construction/Land Developmen	ıt		
					Hydromodification			
					Channelization			
					Dam Construction Flow Regulation/Modification			
					Bridge Construction			
					Habitat Modification			
					Removal of Riparian Vegetation	n		
					Streambank Modification/Desta			
					Drainage/Filling Of Wetlands			
					Channel Erosion			
					Erosion/Siltation			
				Temperature		Low	171 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification Removal of Riparian Vegetation	•		
					Streambank Modification/Desta			
					Nonpoint Source	tomzation		
1	R	Russian River, Russian River HU, Upper Russian River HA, Forsythe Creek HSA	11433040		·			
		, ,		Sedimentation/Siltation		Medium	122 Miles	
					Erosion/Siltation			
					Nonpoint Source			
				Temperature		Low	122 Miles	
					Hydromodification			
					<b>Upstream Impoundment</b>			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Desta	abilization		
					Nonpoint Source			

#### 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Russian River, Russian River HU, Upper Russian River HA, Ukiah HSA	11431071					
				Sedimentation/Siltation		Medium	460 Miles	
					Agriculture			
					Silviculture	L		
					Construction/Land Development Resource Extraction	ι		
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destal	bilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion Erosion/Siltation			
					Highway Maintenance and Runo	off		
					Natural Sources			
				Temperature		Low	460 Miles	
					Hydromodification			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Habitat Modification Removal of Riparian Vegetation			
					Streambank Modification/Destal			
					Nonpoint Source			
1	R	Santa Rosa Creek, Russian River HU, Middle Russian River HA	11422013					
				Pathogens		Low	87 Miles	
					Nonpoint Source			
					Point Source			

January 13, 2003

DRAF

						·	DRAFT
REGION TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
ILL STOTE TITE	- AT BITTED	WILKOILD	Sedimentation/Siltation	SOURCES	Medium	87 Miles	COMPLETION
			Entire Russian River watershed	l (includina Santa Rosa Crae			
			Entire Russian River watersned	Agriculture	ek) is tisted for sediment	anon.	
				Nonirrigated Crop Proc	duction		
				Irrigated Crop Product			
				Specialty Crop Product			
				Pasture Grazing-Ripari			
				Range Grazing-Riparia			
				Range Grazing-Upland			
				Dairies			
				Construction/Land Dev	elopment		
				Highway/Road/Bridge	_		
				Land Development			
				Urban Runoff/Storm Se	ewers		
				Urban RunoffNon-ind	lustrial Permitted		
				Other Urban Runoff			
				Surface Runoff			
				Hydromodification			
				Channelization			
				<b>Bridge Construction</b>			
				<b>Habitat Modification</b>			
				Removal of Riparian Vo			
				Streambank Modification			
				Drainage/Filling Of We	tlands		
				Channel Erosion			
				Erosion/Siltation			
				Natural Sources			
				Nonpoint Source		05. 350	
			Temperature	la la Gara	Low	87 Miles	
			Entire Russian River watershed		ек) is iistea for temperat	ure.	
				Hydromodification			
				Upstream Impoundmen Removal of Riparian Vo			
				Streambank Modification	-		
				Su cambank Modificati	on/ Destabilization		

Nonpoint Source

								DIGHT
REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Scott River, Klamath River HU, Scott River	10541035					
		НА					202 3511	
				Sedimentation/Siltation		Medium	902 Miles	
					Irrigated Crop Production	** *		
					Pasture Grazing-Riparian and/or Silviculture	r Upland		
					Resource Extraction			
					Mill Tailings			
					Natural Sources			
					Nonpoint Source			
				Temperature		Medium	902 Miles	
					Irrigated Crop Production			
					Pasture Grazing-Riparian and/or	r Upland		
					Agricultural Return Flows			
					Silviculture			
					Flow Regulation/Modification Water Diversions			
					Habitat Modification			
					Removal of Riparian Vegetation			
					Streambank Modification/Destab	oilization		
					Drainage/Filling Of Wetlands			
					Other			
					Nonpoint Source			
1	R	Shasta River, Klamath River HU, Shasta River HA	10550001					
				Organic Enrichment/Low Disso	olved Oxygen	Medium	630 Miles	
					Minor Municipal Point Source-d weather discharge	ry and/or wet	t	
					Agriculture-storm runoff			
					Agriculture-irrigation tailwater			
					Dairies			
					Hydromodification  Dam Construction			
					Flow Regulation/Modification			
					Habitat Modification			
				Temperature		Medium	630 Miles	
					Agriculture-irrigation tailwater			
					Flow Regulation/Modification			
					<b>Habitat Modification</b>			
					Removal of Riparian Vegetation			
					Drainage/Filling Of Wetlands			
				24				

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	L	Sonoma, Lake	11424030	Mercury	Resource Extraction	Low	2377 Acres	
					Nonpoint Source			
1	R	Stemple Creek/Estero do San Antonio, Bodega HU, Estero de San Antonio HA	11540010					
		,		Nutrients		Medium	61 Miles	
				This pollutant was relisted for t	this water body by USEPA in 1998.			
					Agriculture			
					Irrigated Crop Production			
					Pasture Grazing-Riparian and	or Upland		
					Range Grazing-Riparian Intensive Animal Feeding Ope	uations		
					Concentrated Animal Feeding			
					(permitted, point source)	Operations		
					Agriculture-storm runoff			
					Land Development			
					Hydromodification			
					Channelization			
					Removal of Riparian Vegetation			
					Streambank Modification/Des	tabilization		
					Drainage/Filling Of Wetlands			
					Channel Erosion			
				Sediment	Natural Sources	Low	61 Miles	
				Scument		Low	or wines	
					Agriculture Grazing-Related Sources			
					Land Development			
					Erosion/Siltation			
					Nonpoint Source			
1	R	Ten Mile River, Mendocino Coast HU, Rockport HA, Ten Mile River HSA	11313045					
		•		Sedimentation/Siltation		High	162 Miles	2003
					Silviculture Harvesting, Restoration, Resid Logging Road Construction/M	ue Managemen		

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Desta Nonpoint Source		162 Miles	
1	R	Trinity River, East Fork, Trinity River HU, Upper HA	10640030					
				Sedimentation/Siltation	Silviculture Harvesting, Restoration, Residu Logging Road Construction/Ma Resource Extraction Surface Mining Placer Mining Mine Tailings Hydromodification Dam Construction Flow Regulation/Modification Habitat Modification Removal of Riparian Vegetation Streambank Modification/Desta Channel Erosion Erosion/Siltation Natural Sources Nonpoint Source	intenance	92 Miles	
1	R	Trinity River, South Fork, Trinity River HU, South Fork HA	10621035					
				Sedimentation/Siltation Temperature	Range Grazing-Riparian Silviculture Nonpoint Source Range Grazing-Riparian	Medium Low	1161 Miles  1161 Miles	
					Water Diversions Habitat Modification Removal of Riparian Vegetation Streambank Modification/Desta			

REGION	ТҮРЕ	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR*	POTENTIAL SOURCES	TMDL PRIORITY	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
1	R	Trinity River, Trinity River HU, Lower Trinity HA	10611034					
				Sedimentation/Siltation		Medium	<b>1256</b> Miles	
					Silviculture			
					Harvesting, Restoration, Resid			
					Logging Road Construction/M	aintenance		
					Silvicultural Point Sources			
					Resource Extraction Surface Mining			
					Mine Tailings			
					Hydromodification			
					Dam Construction			
					<b>Upstream Impoundment</b>			
					Flow Regulation/Modification			
					Habitat Modification			
					Removal of Riparian Vegetation Streambank Modification/Dest			
					Drainage/Filling Of Wetlands	abilization		
					Channel Erosion			
					Erosion/Siltation			
					Natural Sources			
1	R	Trinity River, Trinity River HU, Middle HA	10631021					
				Sedimentation/Siltation		Medium	331 Miles	
					Silviculture			
					Harvesting, Restoration, Resid	ue Management		
					Logging Road Construction/M	aintenance		
					Silvicultural Point Sources			
					Resource Extraction			
					Placer Mining Mine Tailings			
					Hydromodification			
					Dam Construction			
					Upstream Impoundment			
					Flow Regulation/Modification			
					Streambank Modification/Dest	abilization		
					Channel Erosion			
					Erosion/Siltation			

## 2002 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS

			CALWATER		POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION	TYPE	NAME	WATERSHED	POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION
1	R	Trinity River, Trinity River HU, Upper HA	10640003	Sedimentation/Siltation		Medium	570 Miles	
					Silviculture			
					Harvesting, Restoration, Re Logging Road Construction		t	
					Resource Extraction	-,		
					Surface Mining			
					Placer Mining Mine Tailings			
					Hydromodification			
					Dam Construction			
					Flow Regulation/Modificat Habitat Modification	ion		
					Removal of Riparian Veget	ation		
					Streambank Modification/I	Destabilization		
					Channel Erosion Erosion/Siltation			
					Natural Sources			
					Nonpoint Source			
1	L	Tule Lake and Lower Klamath Lake National Wildlife Refuge (Klamath River HU)	10591020					
				pH (high)		Low	26998 Acres	
					Internal Nutrient Cycling ( Nonpoint Source	primarily lakes)		
1	R	Van Duzen River, Eel River HU, Van Duzen River HA	11121012					
				Sedimentation/Siltation		Medium	585 Miles	
					Range Grazing-Riparian Range Grazing-Upland			
					Silviculture			
					Harvesting, Restoration, Re		t	
					Logging Road Construction Silvicultural Point Sources	n/Maintenance		
					Construction/Land Develop	pment		
					<b>Habitat Modification</b>			
					Removal of Riparian Veget Streambank Modification/l			
					Channel Erosion	ocstavnizativii		
					Erosion/Siltation			
				28	Natural Sources			

January 13, 2003

**DRAFT** 

		CALWATER	POTENTIAL	TMDL	ESTIMATED	PROPOSED TMDL
REGION TYPE	NAME	WATERSHED POLLUTANT/STRESSOR*	SOURCES	PRIORITY	SIZE AFFECTED	COMPLETION

#### **ABBREVIATIONS**

#### REGIONAL WATER QUALITY CONTROL BOARDS

North Coast
 San Francisco Bay

3 Central Coast

4 Los Angeles

5 Central Valley

6 Lahontan

7 Colorado River Basin

8 Santa Ana

9 San Diego

#### WATER BODY TYPE

B = Bays and Harbors

C = Coastal Shorelines/Beaches

E = Estuaries

L = Lakes/Reserviors R = Rivers and Streams

S = Saline Lakes

T = Wetlands, Tidal

W= Wetlands, Freshwater

#### CALWATER WATERSHED

"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.

#### **GROUP A PESTICIDES OR CHEM A**

aldrin, dieldrin, chlordane, endrin, heptachlor, heptachlor epoxide, hexachlorocyclohexane (including lindane), endosulfan, and toxaphene